



The Raleigh Amateur Radio Society's **EXCITER**

GET INVOLVED

- RARS General Membership meeting: **Second Tuesday** of the month.
- The RARS net meets every night except Saturday @ 8 p.m. on 146.640.
- The RARS Technical & Trader's net: Saturdays @ 8:00 PM on 146.64.
- RARS meets for a monthly dinner on the **First Tuesday** of each month.
- On the **fourth Tuesday** of every month, in-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.



PUBLIC SERVICE EVENTS

Interested in helping? Visit
<https://www.rars.org/public-service.php>

frequently for our ham public service schedule.

RARS General Meeting

Date: July 9, 2024

Main topic: VU4N & VU7A Expeditions

By: Krish, W4VKU

Time: Zoom Meeting at 7:30 PM,
informal gathering at 7PM

Next Month: "New Tools: the NanoVNA and the Tiny SA"

By: Lee Johnson, N4WYE

RARS In Person Meeting

Date: July 23, 2024

Where: Ridge Road Baptist Church

Time: 7:00 PM

In-person meeting at Ridge Road Baptist Church where there will be project tables, demos, snacks, and socializing.

RARS Officers

PRESIDENT

Fin Gold
NC4FG
nc4fgfin@gmail.com

VICE PRESIDENT

Chuck Till
K4RGN
k4rgn@outlook.com

SECRETARY

Julie Royster
KT4JR
919-782-1624
KT4JR@arrl.net

TREASURER

Greg Seamster
KE4PAX
919.859.0029
KE4PAX@arrl.net



The Raleigh Amateur Radio Society

The Raleigh Amateur Radio Society, Inc. (RARS) was founded in 1969 and continues to serve and support the amateur radio community in the greater Triangle area. In 1999, the society incorporated a new RARS and obtained 501(c)(3) non-profit tax status.

The objectives of the club are to promote worldwide friendship through amateur radio; to be of public service by providing radio communications in times of disaster, emergency, or civic needs; to educate members in radio technique, and to provide training classes to assist in obtaining amateur radio licenses.

Anyone interested in amateur radio is eligible to apply for membership. Regular dues for licensed amateurs are \$18 per year. (From July 1 through June 30.) Additional licensed immediate family members pay \$5 each per year. Dues for licensed full-time students and licensed seniors 60 and over are \$12 per year. Unlicensed individuals may become associate members for \$9 per year. Applications for membership are available from the treasurer or on the RARS web site.

<https://www.rars.org>

Exciter

The Exciter is the official newsletter of the Raleigh Amateur Radio Society. It appears each month as a PDF on the RARS website at www.rars.org. Members receive email notification when the latest version is available. Please provide your email address to the Treasurer.

The Exciter welcomes articles, advertisements, and other contributions. To submit a piece to the newsletter, please contact the Editor. The Editor reserves the right to edit any and all pieces. The submission deadline for each month's Exciter is the Saturday that is ten days before the general meeting. All submissions must be final. Drafts are not accepted.

The views expressed in the Exciter are those of the individual authors and do not necessarily reflect the views of the Editor or RARS.

Tom Lewis, N4TL, editor (editor@rars.org)

President's Message for June 2024

What did you do last weekend?

Huge congratulations to David W4OFO and Curt W4CP for making **Field Day 2024** a whopping success! We had great fun showing how we can function in an emergency to better serve the public. Many volunteers endured the high temps to set up and operate for 24 hours. Thank you!

I was honored to host the RARS Field Day "Get On The Air" station and Info table where we said "Welcome!" to many interested people. Thanks to the many brave newcomers who made their first HF calls, including the 7 youth participants. Congrats to John K4JAH for learning it all quickly and helping me coach, Ray K4JKA for our first calls and logging, John, Will, Katie, Austin, and Ken (The "GOTA Maniacs") for many hours of help. GOTA truly was new hams in action.

Email Frenzy

We've had a flurry of activity on our email groups. When you send an email on rars-l or groups.io, remember that hundreds of people will get it. Please consider that most of those people may not want an email about a detailed debate or negative post. If you have a criticism about the club or anything related, please bring it to me or another board member. We are here to make the club better! If you have a criticism, it also helps to have a solution. Please mention that too! And even volunteer to make it happen!

Remember that we have a perfect tool to debate, provide opinions, feedback, and suggestions. It is called Discord. Here is the link: [RARS Discord Server](#)

See you there!

Breaking news! In-person Club Meetings return in September 2024!

Here are some details:

- With the expertise of certain helpful volunteers, we believe we can also provide a Zoom session at those in-person meetings.
 - ◊ Video will be directed at the presenter/speaker at the podium.
 - ◊ Audio will come from multiple clear microphones.
 - ◊ Zoom attendees will be able to interact through chat.
 - ◊ Other details will be determined as we go..
- The meeting format will be the same as before COVID.
 - ◊ New ham meeting before the main meeting.
 - ◊ Social time before the main meeting.
 - ◊ In-person presenters.

President's Message for June 2024, continued

- ◊ Snacks and drinks.
- ◊ A single table in the back of the room with free and for-sale items.
- Since many volunteered, we'll be asking for help with certain functions at the meetings, including setup and tear down.
- We will evaluate the solution after a 4 month trial.
 - ◊ If it doesn't work, we'll try something else.
- The July and August meetings will remain on Zoom
- The other monthly RARS events (dinner on 1st Tuesdays and Gatherings on 4th Tuesdays) will remain as-is.

We are aware of the common criticisms of "hybrid" meetings and the poor experiences some members have had with them in other contexts. We believe, however, that the expertise and equipment we have available to us will enable us to overcome those problems.

We tested the Zoom system at the RARS Field Day GOTA station at Field Day.

Guess what? IT DID GREAT!

See for yourself. Find the link for the entire 55 minute session in the Field Day section of this newsletter.

Looking Ahead: The State Fair

Look for upcoming plans to support the "NC Ham" efforts at the State Fair booth in October. We're joining forces with other local clubs to show the public what we do. Lots of volunteers will be needed, so start thinking about this great opportunity to help.

Stay cool and radio on!

73,
Fin Gold, NC4FG
President
Raleigh Amateur Radio Society

June 11, 2024 RARS meeting

Fin Gold, NC4FG, RARS President, started the meeting at 7:30. The pledge of allegiance was recited. Various reports were given. See the [minutes](#) for more information about the meeting. Chuck Till, K4RGN introduced the presentation, RARS Field Day 2024 given by David Burt, W4OFO.

The meeting was adjourned at 8:33PM.

RARS Field Day 2024

General Membership Meeting Presentation - June 11, 2024

What is Field Day?

- In the US and Canada, around 35,000 hams set up temporary stations and make as many contacts as they can in a 24-hour period as an emergency preparedness drill
- Social Gathering - Picnic
- Opportunity to build new skills, ask questions, and tryout different radios
- RARS Open House and Community Outreach
- Competition - Results published in QST December Issue
- FUN!!!



June 11, 2024 RARS meeting, continued

 TN	Tom N4TL, Raleigh (Me)	 DH	Devin Hedge - KN4FVH - Apex, N	 JR	Julie Royster KT4JR Raleigh
 Chuck K4RGN	Raleigh (Host)	 DA	Doug AD4UL Erie, PA	 KL	Ken Latchum AD4GX Raleigh
 David Burt W4OFO		 EN	Ernie NC4EW Oak Ridge NC	 KR	KQ4RON Raleigh
 LK	larry K4LXV Raleigh	 Fin Gold NC4FG	Raleigh	 LN	Lee N4WYE
 Brantley West		 Greg KE4PAX	Hanover, MD	 N4BJH Joe WAKE FOREST	
 AA	ALAN AB4OZ RALEIGH	 HN	Howard, N4KYW, Cary	 PK	Patrick K3PMH
 BK	Billy ke4vnc	 IK	Ian Kaye	 RK	Rich K7RLH Apex, NC
 Bob K4RLC SC		 JW	Jeff WJ3FF	 RK	Richard Kroeger N1FUA Apex
 B	Bob, WX4MMM	 JK	Jim KM4WRK, Raleigh	 R	Russ Nixon
 C	Carl - KM4GBE - Cary	 JW	Jim Welch, W1XR	 SW	Steve W4MGT
 CW	Carl W8WZ, New Orleans LA	 JH	John Hollowell K4JAH Raleigh	 TN	Tom NC4TS Lake Royale
 CS	Charles Strickland	 JH	John Honeycutt N8ZU Raleigh	 WW	Will WA4GK Durham
 CK	Chris kb8rua	 DK	Denny K04IBL Raleigh	 Sherry - KE4LZE	
 DW	dennis wz0qRaleigh			 DN	Doug N3LTV Raleigh NC

41 people attended

2024 RARS Field Day Round Up

Did you make it to Field Day last month? If you didn't, you missed an absolute blast!! It was extremely hot. A temp of 101.5 F was recorded in the 40m CW tent. We had record attendance, with 81 people who signed the attendance log. Having more people show up than planned is a fantastic problem to have. We did run out of BBQ at dinner, and it was hard for the GOTA (Get On The Air) operators to hear the signals over the large dinner crowd. Both of these items can be easily resolved next time with ordering more food and bringing a set of headphones for the GOTA station. Everyone was having a really good time. We had 17 operators in total at the GOTA station, including seven youth operators. Henry, age 11, became somewhat of a celebrity. He made a comment about how much fun he had making contacts, and I overheard many people telling his story to others. You can see [his video here](#). Some of the GOTA operators ran all night long racking up 764 contacts.

We operated nine stations this year. We heard comments many times over the radio like, "you have a crowd over there". Chuck, K4RGN, mentioned that many stations didn't believe they copied our 9A correctly. Fin created a [walk through video of the site](#). We had many visitors and answered a lot of questions at the information table and GOTA station. We made 4,4638 contacts between our nine stations and the GOTA station. We have included a logging summary on the next page and a preliminary score of 12,181 points.

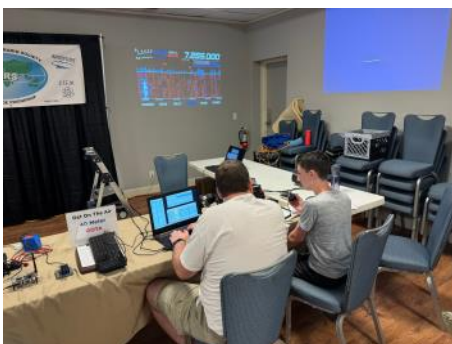
If you have photos to share, they [can be uploaded here](#). [Here are the photos](#) we have collected so far. A video of the GOTA station in operation [can be seen here](#).

It was a really great opportunity to welcome the public to the club and demonstrate what ham radio can accomplish. We certainly couldn't have had such a successful event without the help of all of our great members. THANK YOU!!!

[Curt Phillips W4CP](#)

[David Burt W4OFO](#)

RARS Field Day Co-Chairs



2024 RARS Field Day Round Up

2024 W4DW - FD Logs

Log Summary

2024 RARS Field Day - 4,651 Total Contacts

BAND	Total
10M	81
15M	686
20M	1341
2M	6
40M	1404
80M	369
Grand Total	3887

Country / DX	Total
Canada	164
DX	35
US	3688
Grand Total	3887

BAND	MODE	Total
10M	CW	4
	FT8	74
	SSB	3
10M Total		81
15M	CW	298
	FT8	74
	MFSK	9
	SSB	305
15M Total		686
20M	CW	939
	PSK	5
	RTTY	29
	SSB	368
20M Total		1341
2M	SSB	6
2M Total		6
40M	CW	561
	RTTY	2
	SSB	841
40M Total		1404
80M	CW	191
	SSB	178
80M Total		369
Grand Total		3887

MODE	Total
CW	1993
FT8	148
MFSK	9
PSK	5
RTTY	31
SSB	1701
Grand Total	3887

US State	Total
_Canada	164
_DX	35
_Puerto Rico	5
AK	3
AL	57
AR	47
AZ	77
CA	220
CO	93
CT	14
DE	8
FL	116
GA	99
IA	51
ID	33
IL	144
IN	91
KS	52
KY	53
LA	39
MA	49
MD	92
ME	19
MI	145
MN	72
MO	100
MS	30
MT	32
NC	194
ND	11
NE	25
NH	18
NJ	60
NM	32
NV	15
NY	101
OH	207
OK	44
OR	40
PA	190
RI	13
SC	72
SD	15
TN	112
TX	282
UT	42
VA	170
VT	15
WA	118
WI	105
WV	50
WY	16
Grand Total	3887

Contacts	Total
N4RAL (GOTA)	764
W4DW	3887
Grand Total	4651

OPERATOR	Total
CAMILLE (age 8)	2
CARTER (age 12)	1
CHARLIE (age 9)	1
HENRY (age 11)	55
K4HYD	62
K4JAH	188
K4JKA	7
KATIE (KQ4TIF)	199
KB8RUA	49
KQ4KRD	106
KQ4QWY (age 14)	18
KQ4QWZ	49
KQ4RZI	3
LIZ	14
PATRICK	2
SEAN (age 7)	5
Tripp (age 11)	3
Grand Total	764

W4DW Contacts by Op	Total
AA9P	429
K4CBW	119
K4QPL	180
K4RGN	75
KE4MAC	67
KG4AKV	527
KG6K	155
KI4PAC	6
KN4FVH	85
KQ4LNE	7
KQ4QWY	15
N4CW	106
NB3I	354
NC4DK	284
NC4FG	7
W4DW	729
W4MY	144
W4TTX	119
W8WZ	94
WJ3FF	385
Grand Total	3887

Class 9A and
Get-On-The-Air
(GOTA) Station

If your call is missing from the list above, be sure to use Control-O and enter your call when you sit down at a station to operate. W4DW represents generic operator that didn't enter their callsign.

Contacted all 50 US States

FIELD DAY SCORE						
Band	CW		Digital		Phone	
	QSOs	Pwr (W)	QSOs	Pwr (W)	QSOs	Pwr (W)
Total QSOs	1,993		193		2,464	
Points	3,986		386		2,464	
Total QSO Points (2X Power Multiplier)						13,672
Bonus Points						
					Y/N	Points
100% Emergency Power (100 x # of Transmitters)					Y	900
Media Publicity (100)					Y	100
Public Location (100)					N	0
Public Information Table (100)					Y	100
Formal message to ARRL SM/SEC (100)					Y	100
W1AW Field Day message (100)					Y	100
Formal messages handled (10/msg 100 max)					Y	100
Satellite Contact (100)					Y	100
Natural Power (Solar) five Contacts (100)					Y	100
Visitation by invited elected official (100)					N	0
Visitation by a invited served agency official (100)					Y	100
Education Activity Bonus (100)					Y	100
Youth Participation (20/Youth 100 Max)					Y	100
Number of Youth completing at least 1 QSO:		5	5 MAX			
Total number of youth participants		7				
GOTA (5 Points per QSO)					Y	3,820
GOTA Coach Supervises Operation (100)					Y	100
Web submission (50)					Y	50
Safety Officer (100)					Y	100
Social Media (100)					Y	100
Site Responsibilities (50) (Class B,C,D,E & F Only)					N/A	0
Total Bonus Points						6,070
Grand Total Points						19,742

Monthly In-Person RARS Gathering, June 25

Ridge Road Baptist Church, at [2011 Ridge Road, Raleigh](#)

The meeting starts at 7:00 pm in the Fellowship Hall, but we start setting up at 6:00 pm, and you are welcome to bring your own ham radio equipment and projects to demonstrate, show off, or just work on with other like-minded hams -- we have plenty of tables. You might also find sources of coax, connectors, zip cord, Powerpoles®, and whatnot.

RARS Gathering Sign-in, 34 people

JUNE 25, 2024 RARS GATHERING SIGNUP

NAME	CALL	RARS MEM- BER?	NAME	CALL	RARS MEM- BER?
FIN GOLD	NC4FG	Y	JON SUEN	KG6K	Y
TADD TORBORG	KA2DEW	Y	BUDDY HOWARD	KQ4TCV	N
DOUG WALL	N3LTV	Y	DARRELL GORDON	W4CX	Y
GRAYSON KASS		N	RYAN REED	N7RYN	Y
FRANK SCARAGLINO	KA2FWC	Y	CHUCK TILL	K4RGN	Y
DENNIS MASON	WZ0Q	Y	AMANDA HYDER	KQ4RGV	Y
KEN EDWARDS	N4ZBB	Y	AUSTIN HYDER	K4HYD	Y
PATRICK HANNON	K3PMH	Y	CARL LINDNER	KM4GBE	Y
DAVID BURT	W4OFO	Y	KATIE FARMER	KQ4TIF	Y
JONATHAN OSBRINK	KB8QNE	Y	JOHN HOLLOWELL	K4JAH	Y
ROBERT STARKENBURG	W4TTX	Y	WILL GWALTNEY	WA4GK	Y
KENNETH KIRCHNER	KQ4QWZ	Y	TOM SCHWARTZ	NC4TS	Y
CHRIS KEELOR	KB8RUA	Y	STAN DISBROW	W2CK	Y
TONY O'CONNOR	K1OC	Y	RICHARD KROEGER	N1FUA	Y
CARL DAVIS	W8WZ	Y	RICHARD HALL	K7RLH	Y
STEPHEN HAFFLY	NY4NC	Y	JOE HAGGERTY	N4BJH	Y
WALEED JABER	KQ4KRD	Y	GREG SEAMSTER	KE4PAX	Y

RARS Gathering, picture

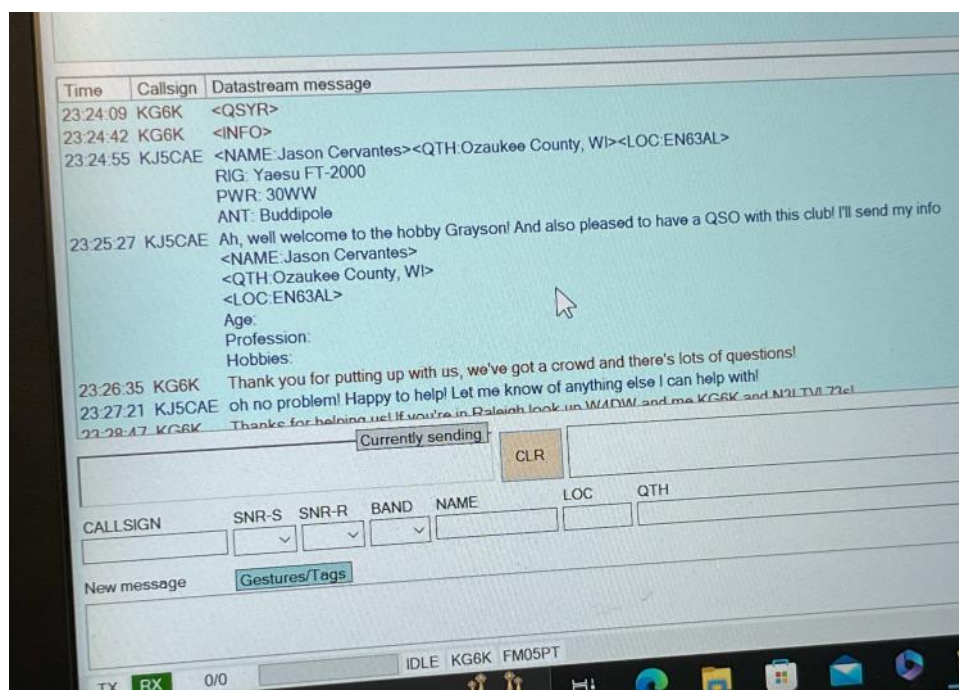
Monthly In-Person RARS Gathering, Continued



Grayson Kass (on the left) and Jon Suen,
KG6K Learning VarAC

Jon KG6K demonstrating digital HF at the GOTA position to Grayson. Jon, using his laptop and Doug's (N3LTV) ICOM IC-7300 made a FT8 contact with K4QAL. Doug suggested a demonstration of VarAC. Jon quickly downloaded the free VarAC HF modem and the latest VarAC chat software. He got it up and running on his laptop connected to the 7300. After calling CQ on VarAC we quickly made contact to a ham up in Wisconsin (also just learning about VarAC) and had a great chat with him.

73 Doug, N3LTV



Jon KG6K and Grayson connected to Jason KJ5CAE in Ozaukee County, WI

Pictures from Doug, N3LTV

Time to Renew your Membership!

Please help RARS continue to provide quality programs, activities, and events for our club members. One of the ways we do this is through the RARS annual dues. The membership year is July 1- June 30, so it's time to renew!

Dues

Regular \$18

Reduced (under 12, over 60, or Full-Time Student) \$12

Associate (not licensed) \$9

Each additional family member \$5

*Note: You have the option to renew for multiple years!

You can renew by mailing your dues or by paying on-line via PayPal.

1) Mail your dues to the RARS Treasurer at the following address:

RARS

c/o Greg Seamster

1405 Leanne Court

Raleigh, NC 27606

2) Pay online at https://www.rars.org/membership_renewal.php. Online payments are made via PayPal to Raleigh_ARS@earthlink.net.

Note: A PayPal account is not required to make a credit card payment.

Note: You can view your membership status and update data at <https://www.rars.org/userprofile.php>.

Thanks! RARS would not exist without its members.

Greg Seamster KE4PAX

RARS Treasurer

RARS Member Birthdays

Tom	K6UTL	07/01
Carl	KM4GBE	07/01
Nick	KI4QHM	07/01
James	KE4DRN	07/03
Will	WA4GK	07/04
John	KN4EQO	07/04
Doug	K1DUG	07/06
Eugene	KD4YJX	07/06
Raymond	K4JKA	07/07
Crystal	KO4KPS	07/08
Rick	KD4PJI	07/08
Steve	NC4SW	07/08
Steve	AC2AS	07/09
Brian	KO4JAS	07/09
Bill	W3IMD	07/10
John	AI4RT	07/10
Gregory	KQ4SKU	07/11
Annette	KB4AQH	07/11
John	K4JAH	07/12
Wade	KG4KAH	07/14
Doug	AD4UL	07/14
Al	N4EII	07/15
Bill	KO4GQL	07/15
Bill	K4MWB	07/16
Lowell	K4EUP	07/17
Jim	KM4WRK	07/17
MacEntyre	KQ4QZC	07/18
Bob	K4RLC	07/19
Mike	KO4PAS	07/21
Chris	N3CS	07/21
Bill	W4WHW	07/23

Jack	K8TO	07/23
Charles	WB4DCM	07/26
Chuck	WB4TNC	07/26
Jason	KQ4HRX	07/27
Mike	N4GU	07/27
Meme	KE4NGM	07/28
Garry	KQ4ICK	07/28
Stuart	NF2N	07/28
William	K4CIA	07/28
Dave	W4YDY	07/29
Bob	KI4YXM	07/30

RARS New Members

Robert Klahn	AD6I
Bob McSwain	WA4MCS
Chris Brown	KQ4TBN
Bill Comfort	W0VZ
John Pate	WA4JC
Ryan Aamot	KQ4TLB

RARS Net Activity June 2024

30 two meter nets:
330 checkins, 659 minutes

4 six meter nets:
35 checkins, 57 minutes

1 Ham Public Service net:
4 checkins, 27 minutes

RARS License Class Students Needed

RARS is holding Ham Radio Technician Training Classes on August 31, September 7 and September 14, 2024. These classes will help prepare new HAMs to take the test for their first license. Classes will be held at the Good Shepherd Lutheran Church, 7000 Creedmoor Road, Raleigh. The classes will be taught on three consecutive Saturday mornings. The classes will be held from 8:30 AM to 12:30 PM on each Saturday. The classes will cover the material you need to know to pass the exam for the entry-level amateur radio license. Instruction will be based on the "ARRL Ham Radio License Manual, 5th Edition", available from the <https://www.arrl.org/> and <https://www.amazon.com/>.

For more information or to reserve a seat in the class, please contact Denny Oestreich, the RARS Education Director, at OestreichD@AOL.com or telephone number 919-846-8163. And tell those friends whom you have been trying to get to join the HAM hobby!

73 Denny Oestreich, KO4IBL

HAM RADIO LUNCHEON

Everyone is welcome!

Every Thursday at 11:15 AM, New York Diner,
909 McKnight Drive Knightdale.

<https://www.facebook.com/NewYorkDinerNC>

Check the latest information on the AB40Z QRZ entry. [QRZ.COM](https://www.qrz.com).

Six meter net

Join us Mondays at 8:30PM on 50.200 USB. Every one is invited. This is an informal net run by our vice president Chuck Till, K4RGN. After the SSB net, on the first Monday of the month we will QSY to 50.400 AM. Its interesting to hear the difference between SSB and AM.

<https://www.rars.org>

RARS Monthly Supper, IHOP Restaurant, July 2, 2024

All members and guests are welcome to the monthly (first Tuesday) RARS Supper, 6:30PM, at the IHOP Restaurant, 7471 Six Forks Road, Raleigh. The restaurant is on the corner of Sawmill and Six Forks Roads. After entering the restaurant look for our folks in the dining room. Informal and Dutch, 73, Chuck, K4HF

14 people



Photo by Tom Lewis, N4TL

Ralph Selmont, KQ4RZI; Ken Latchum, AD4GX; Will Jaber, KQ4KRD; Katie Farmer, KQ4TIF;
Denny Oestreich, KO4IBL; Carl Davis, W8WZ; Tara Walker, W4TSW;
Derek Burrage, KF5CYN; Chuck Littlewood, K4HF; Bob Starkenburg

Names
clockwise
around the
table



Photo by
Denny
Oestreich,
KO4IBL

Derek Burrage, KF5CYN; Chuck Littlewood, K4HF; Bob Starkenburg, W4TTX; Tom Lewis, N4TL;
Dennis Mason, WZ0Q; Chuck Till, K4RGN; Fin Gold, NC4FG; Ralph Selmont, KQ4RZI;
Ken Latchum, AD4GX;

RARS Classifieds

Copied from <https://www.rars.org/classifieds.php>

The items below were listed within the last 30 days on the RARS website.
Check the RARS Classified List on the RARS website regularly for new items.

Clegg 99'er - 6 Meter AM Transceiver

Posted July 1st, 2024 by: K4HF

Contact: k4hf953@yahoo.com

The Clegg 99'er runs 8 Watts input and the frequency is crystal controlled. Three crystals are included. The power supply is built in and the mike and manual are included. Tested and working, very good condition. \$30. Contact me by e mail, preferred, or (919) 630-9358. Thanks, Chuck

FS: Icom IC-7300 HF rig w/ accessories

Posted July 1st, 2024 by: K4CBW

Contact: cbwest@gmail.com

Clean Icom IC-7300 HF radio for sale, shack-kept, no smoke or pets. Comes with standard accessories (mic, power cord), original box, optional carry handle, nylon dust cover, and SOTABeams Click2Tune, foot switch, and foot switch/headphone/mic adapter. Pickup in Raleigh. \$800

Can demo at a RARS Gathering (contact me in advance).

Pictured on my QRZ page: <https://www.qrz.com/db/k4cbw>

Brand new Lincoln II Plus 10 meter + More....

Posted June 29th, 2024 by: KQ4ICK

Contact: garrydouglassmurray@gmail.com

I have a new (unused) Lincoln II Plus (version III) with a new (unused) Digi Mic, great power, strong audio and an extra 6 to 4 pin adapter for any other 4 pin mic adaptation. All are brand new in the box and set-up. \$250 for all (below wholesale).... Garry

Ten Tec Omni VI+ entire station

Posted June 27th, 2024 by: N4GEB

Contact: brownr@mail.com

Ten Tec Omni VI with option 3

Matching power supply/speaker, antenna tuner, desk mic, and external VFO encoder

RARS Classifieds continued

Also the following crystal filters

1.8Khz, 500 hz 250hz and a 9Mhz

All the equipment is working well, one exception is the power out is 80 watts

Price 800 or make an offer

If you are coming from out of town, please contact me.

I am willing to meet you if you live near Raleigh/Clayton area.

73, Bob N4GEB, brownr@mail.com

For Sale

Posted June 25th, 2024 by: W4BMX

Contact: tonylaszlo@hotmail.com

- 1.) Astron VS-35M Power Supply - \$200
- 2.) MFJ 949E Deluxe Versa Tuner II - \$200
- 3.) Motorola 7550e UHF HT with Antenna, Charger, Impress Battery and belt clip included - \$400
- 4.) Chameleon CHA F-Loop 3.0 with Rigid Loop and compensator (LMR-400 loop coax, bag and all accessories it came with) - \$500
- 5.) Goal Zero Yeti 1400 with Boulder 200w Solar Panels - \$1200
- 6.) Bambu Labs - Two (2) Spools of New in Box ASA filament, Black. \$40.

Can text pictures.

73, Tony, W4BMX, (919) 961-1813

Kenwood MB-430 New in box

Posted June 22nd, 2024 by: KA2FWC

Contact: ka2fwc@bellsouth.net

I found a new bracket I bought for my TS-440 in the garage. I don't plan on using it and figured maybe someone need one. It fits the TS 430, 440, 450, 690 plus some others

Asking \$75 for it

Frank

RARS Classifieds continued

Ten-Tec Century 21 CW Transceiver

Posted June 12th, 2024 by: N9SZ

Contact: zabarnick@gmail.com

Price drop to \$150!!!!

Up for sale is a very good condition, working Ten-Tec Century 21 Transceiver. This is the version with the analog display. The Century 21 is a 1970s vintage solid-state radio meant for the Novice licensees of the era. It has a max output of around 35 watts. The PTO has been recently overhauled and operates flawlessly. I have installed an AGC circuit as described in an old QST issue, but I can remove it for sale at the buyer request. Here are YouTube videos demonstrating the radio:

Receiving demo <https://www.youtube.com/watch?v=fCn5MMGcoWc>

Transmitting demo https://www.youtube.com/watch?v=p4_UynPgGTs

You may need to copy and paste the URL of the videos into your browsers address bar.

I am asking \$200 with local pickup in Raleigh (near Millbrook and Falls of Neuse).

Steve N9SZ

937-266-7231

zabarnick@gmail.com

Cushcraft A4S Tri-band Beam

Posted June 8th, 2024 by: AB4RG

Contact: rodg2415@gmail.com

This antenna has never been outdoors. In a previous life, it was an assembled floor model at the former HAM radio store in Wilmington. I purchased it at RARSfest, but decided not to challenge our HOA rules. So, it has resided in my garage as a number of sub-assemblies. It's time this antenna gets in/on the air. Make me an offer!

I also acquired a used CDE ham rotor and controller. That is also available. Make it a package deal ... What is it worth to you?

No trades ... cash deal.

Minutes, Board of Directors Meeting

Raleigh Amateur Radio Society

May 21, 2024

7:00 PM on Zoom

President Fin Gold called the meeting to order at 7:05 pm. There were no visitors present.

Members present were: Fin Gold NC4FG,

Chuck Till K4RGN, Julie Royster KT4JR, Greg Seamster KE4PAX, Tony O'Connor K1OC, Brantley West K4CBW, John Honeycutt N8ZU, Richard Hall K7RLH, Tadd Torborg K2DEW, David Burt W4OFO, Nancy Torborg KB2TNR, Jeremy Lindsley K2HJX, Denny Oestreich KO4IBL, Tom Lewis N4TL, Alan Pitegoff AB4OZ, Richard Kroeger, N1FUA, Chuck Littlewood K4HF.

Quorum Call – Secretary Julie Royster counted 17 board members present, constituting a quorum.

Chuck Till moved that the minutes of the April Board of Directors meeting be approved. The motion was seconded and passed unanimously.

Old Business

- a. **Infra-Engage Committee Updates** - Fin Gold, NC4FG Fin Gold stated that 127 RARS members have joined Discord, and there is lots of discussion on it. The results of the member survey about in-person meetings are posted. Fin has posted a video about how to use Discord. Fin has created a section of Discord for RARS board of directors members only, where BofD discussions can be posted, which has advantages compared to group emails among Board members. After some discussion about privacy concerns, Chuck Till moved that RARS BofD start moving toward Discord instead of the RARS-Board reflector for discussions and end use of RARS-Board-L reflector for discussions by December 31. The motion was seconded and passed 16 to 1. However, notices (such as that minutes are ready) will still go out via RARS-BOARD-L. After additional discussion, Chuck Till moved to rescind the prior motion (already passed), and this rescinding motion was seconded by Tony O'Connor and passed. Chuck Till then made a new motion to proceed with starting to adopt Discord use by RARS BofD. The wording was changed for discussion by

RARS Board of Directors Meeting minutes continued

Brantley and Tony to “pilot discord as the primary means for BofD internal electronic communications among the RARS-BofD members commencing as of May 28, 2024”. RARS-BofD-L use would still be appropriate for important announcements. Brantley seconded the revised motion. Julie and Greg asked whether there will be notifications in email to look at Discord for important discussions. Tony and Fin stated that a Discord user can set options for notifications. Tony says it is OK to use Discord in a browser rather than being required to download a phone app, but Discord must be actively running in a browser in order to get notifications. BofD members who have not yet tried Discord were encouraged to do so. Denny Oestreich asked whether he has to download an app to receive notifications of new Discord messages. Tom N4TL says he does receive new notifications of new Discord messages without downloading an app. John Honeycutt moved to end discussion and take a vote; the motion to end discussion was seconded and passed. The motion under consideration to pilot use of Discord was reviewed and approved with 14 in favor and 3 abstentions to proceed with pilot use of Discord for BofD communications.

- b. **Spectrum Analyzers update** - Fin Gold, NC4FG
These units are still being tested.
- c. **2024/2025 Budget Approval** - Greg Seamster KE4PAX
Greg asked that his report be delayed until later in the meeting.
- d. **Review of in-person meeting survey results** - Fin Gold, NC4FG
Fin posted these results on the Discord channel. BofD members need to review the results for discussion at the next BofD meeting.
- e. **Other old business**
Lifetime membership for Carl Davis W8WZ. The Life Membership Plaque for W8WZ was presented to him at the Dayton Hamfest

New Business

No new items were brought up.

Officers' Reports

- a) Vice-President's Report – Chuck Till K4RGN
Regarding speakers, Chuck has one for July and some ideas for August, but he is inclined to wait before recruiting more speakers due to the uncertainty whether meet-

RARS Board of Directors Meeting minutes continued

ings will be on Zoom vs in-person. It may be possible to convert the July program to in-person. John Honeycutt has asked the church about the availability of the meeting room for in-person meetings but has not yet received a firm answer.

b) Treasurer's Report – Greg Seamster KE4PAX

RARS has several new members; there are currently 497 members. Net income is positive; RARSfest netted over \$4000 in income. A donation of \$1270 was received from the NC Bicycle Club. RARS gave 13 complimentary memberships.

Greg showed the proposed budget for 2024-2025 on screen.

Denny Oestreich asked how much he should pay a church for holding training sessions there. Greg told him how to get reimbursed. During discussion, a line item was added for the portable operating group, and a line item for the Ham Pubic Service NC expense. Tony suggested removing any budget income line for income from teaching classes. Tony suggested adding a budget item in the new budget for in-person meetings; this would be another \$1200. Fin suggested pulling money from reserves to balance the budget.

c) Secretary's Report – Julie Royster KT4JR

Minutes are up to date.

Committee Reports:

a) Public Service Director Jeremy Lindsley, K2HJX

Volunteer participation is healthy. RARS received a new donation from the NC bicycle club. Public service needs one more donated dual band radio go box.

b) Education Director Denny Oestreich, KO4IBL

Denny suggested scheduling a new technician class in September. Tony asks if the new class should be scheduled to team up with the licensing exam schedule. He also asks if we should do the teaching over 4 Saturdays rather than 3. Denny will consider this.

c) Field Day Chairs Curt Phillips, W4CP and David Burt, W4OFO

David says that he and Curt have already done many preparations and are ahead of past schedules. David is about to advertise a lot. SignUpGenius is working for band operator signups. Julie Royster suggested that Mark Kilmer's house might be where the band pass filters are. Carl Davis W8WZ will come for Field Day.

Abstract

- <https://www.rars.org>

RARS Board of Directors Meeting minutes continued

o) At Large Director
nothing to report

Tadd Torborg, KA2DEW

Other reports or questions

Treasurer Greg Seamster presented an amended budget for discussion. Tony stated that this budget includes deficit spending, which is not sustainable forever. Perhaps we should put some money in an interest bearing account. Greg Seamster moved to approve this budget. The motion was seconded and passed. The budget will be presented to the RARS membership for approval at the next club meeting.

Adjournment

John Honeycutt moved to adjourn the meeting. The motion was seconded and approved. The meeting was adjourned at 9:29 pm.

RARS General Membership Meeting minutes

7:30 PM on Zoom
June 11, 2024

1. President Fin Gold, NC4FG, called the meeting to order at 7:30 pm on Zoom. He welcomed participants and reminded them of several tips about using Zoom.
2. President Gold asked for visitors, new members, and hams with newly upgraded licenses to identify themselves. They were:
Russ Nixon KF4WXV, recently moved here, visiting
Chris Keeler KB8RUA, a new member
Carl Lindner KM4GBE, recent upgrade to General.
President Gold encouraged visitors to participate in Field Day.
3. In response to a quorum call, Secretary Julie Royster stated that there was not a quorum present at 7:35 pm. Therefore, approval of the May meeting minutes was delayed until July.
4. Vice President's Report or announcements – Chuck Till, K4RGN
The July program will be *DX Expedition to the Indian Ocean* presented by Krish Kanakasapathi, W4VKU. The August program will be given by Lee Johnson, N4WYE, concerning the use of VNAs.
5. Secretary's Report or announcements – Julie Royster, KT4JR
Minutes are up to date.
6. Treasurer's Report or announcements – Greg Seamster, KE4PAX
RARS currently has 505 members, with 15 new members in May. The Treasurer's report was shown on-screen. There are 492 voting members. Treasurer Seamster presented the proposed 2024-2025 RARS Club Budget. Because there was not a quorum, a vote on the budget was delayed until July.
7. Specific Announcements or Reports from Directors

[Jump back to page 5](#)

RARS General Membership Meeting minutes continued

A. Announcement from Alan Pitegoff, AB4OZ

The next free fest in south Raleigh is on June 15.

The next quarterly 10m net will be on June 15 after the Tech and Traders' net. There are also 3 fests coming in the next few months; see the QRZ page of AB4OZ for details.

B. Board Meeting announcement Fin Gold, NC4FG

The next Board of Directors meeting is at 7PM on Tuesday, June 18 on Zoom.

8. Program

VP Chuck Till, K4RGN, introduced the program at 7:46 pm.

The topic was RARS Field Day, planned by Field Day Co-Chairs Curt Phillips, W4CP, and David Burt, W4OFO. David Burt made the presentation detailing all the details of Field Day setup and how to participate.

9. Following the program President Gold encouraged all members to participate in Field Day and thanked the co-chairs for their planning and organization.

10. President Gold asked for a motion to close the meeting, and Chuck Till so moved. The motion was seconded and passed unanimously, so the meeting was adjourned at 8:41 pm.

Respectfully Submitted,
Julie Royster, KT4JR, RARS Secretary

July 2024 Exciter contents

Meeting information, General (Zoom) and RARS Gathering in person.

President's message.

June 11, 2024 RARS Zoom meeting information and pictures.

RARS Field Day article, pictures and score.

Monthly In-Person RARS Gathering, 34 people attended.

Time to Renew your Membership

RARS Member Birthdays and new members.

June 2024 RARS Nets Report.

RARS License Class Students Needed

Ham Radio Luncheon. New York Diner, every Thursday.

Six meter net.

RARS Monthly Supper, IHOP Restaurant, information & picture.

RARS Classifieds, 3 pages.

RARS Board Meeting Minutes, May 2024.

RARS Membership Meeting minutes, June 2024.

Exciter Contents, This list.